

AMENDMENTS TO THE DRAWINGS:

The attached sheet of drawings includes an amendment to FIG. 1. This sheet replaces the original sheet. A marked copy of amended FIG. 1 is also enclosed.

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REMARKS

The allowance of claims 9-10 and the indicated allowability of claims 1-8 and 11-19 are noted with thanks.

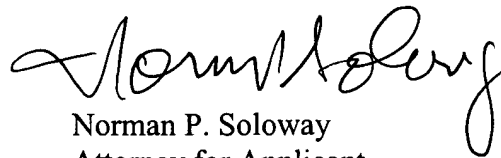
Claims 1-9 and 11-19 have been amended to obviate the §112 objections and rejections. The Specification, the Abstract, the Title of the Invention and FIG. 1 have been modified to eliminate the Examiner's objections. No new matter has been added by the aforementioned changes.

In regards to the §112 rejections of claims 2-4, and 12-13, the current in the second current source can depend on several different elements, i.e., resistor values, the power-line voltage, the base-emitter voltage, etc., as shown in equations (4) and (9) for the preferred embodiments. Therefore, no contradiction exists when the claims state the second current depends on different elements of the circuit.

Having dealt with all the objections raised by the Examiner, the Application is believed to be in order for allowance. Early and favorable action is respectfully requested.

In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account Number 08-1391.

Respectfully submitted,



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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 5, 2005, at Tucson, Arizona.

By M. Diane Fube

NPS:dd

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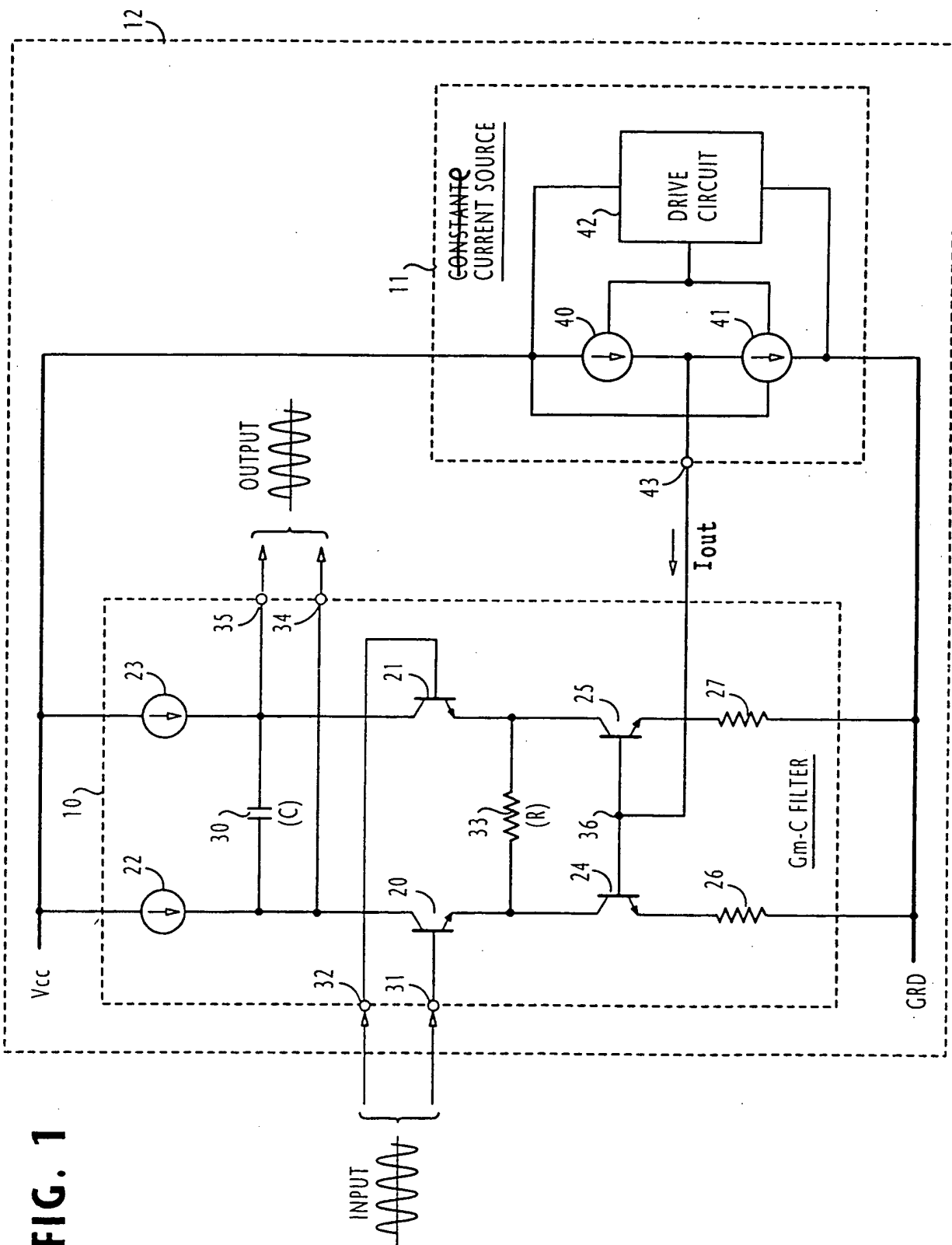


FIG. 1